

REMARKS

Claims 1, 2 and 4-27 are pending in this application. By this Amendment, claim 3 is canceled without prejudice or disclaimer, the specification, abstract and claims 1 and 2 are amended, and claims 4-27 are added. The specification has been amended for clarification and contains no new matter. Support for new claims 4-27 can be found in the specification including the original claims and figures, for example, see Figure 7 and pages 8-10. Reconsideration in view of the above amendments and following remarks is respectfully requested.

I. Specification

The Office Action objects to the specification and the abstract for various informalities. Applicant respectfully submits the above amendments obviate the grounds for the objection. Withdrawal of the objection is respectfully requested.

II. 35 U.S.C. §102(b)

The Office Action rejects claim 1 under 35 U.S.C. §102(b) over Mera et al. (Patent No. 6,040,655) (hereinafter “Mera”). Since Mera fails to disclose or suggest all of the features of the claim, the rejection is respectfully traversed.

Applicant respectfully submits that Mera appears to disclose, as illustrated in Figure 13C of Mera, and as discussed in column 8, lines 26-30 and 44-46 of Mera, a bent portion 1127c (1128c) passes through the back surface of bead glass 1120 and the wall surface in the neck tube

within the full length ℓ of the third grid 1113 in the direction of the tubular axis. See column 8, lines 26-30 of Mera.

Mera, however, fails to disclose to suggest, as recited in claim 1, at least the feature of a body of a wire arranged so as not to pass through a space between an outer surface of the bead glass and an inner surface of a neck tube of the CRT. Rather, Mera passes a wire 1127/1128 between a back surface of a bead glass and a wall surface of the neck tube.

For at least the reasons set forth above, Applicant respectfully submits that claim 1 is allowable. Withdrawal of the rejection is respectfully requested.

III. 35 U.S.C. §103(a)

A. Claim 2

The Office Action rejects claim 2 under 35 U.S.C. §103(a) over Mera. Since Mera fails to disclose or suggest all of the features of the claim, the rejection is respectfully traversed.

As mentioned above, Mera fails to disclose or suggest, as recited in claim 2, similar to claim 1, first and second wires arranged so as not to pass through a space between each outer surface of bead glasses and inner surface of a neck tube of the CRT.

For at least the reasons set forth above with respect to claim 1, Applicant respectfully submits that claim 2 is allowable. Withdrawal of the rejection is respectfully requested.

B. Claim 3

The Office Action rejects claim 3 under 35 U.S.C. §103(a) over Mera in view of Lilley (U.S. Patent No. 3,558,954). Claim 3 has been canceled without prejudice or disclaimer, therefore the rejection is moot. Withdrawal of the rejection is respectfully requested.

Applicant respectfully notes that Lilley recites a ring 90 being positioned around a gun assembly 22, which is not similar to claims 1 and 2 as Lilley's ring 90 passes between an outer surface of a gun assembly 22 and an inner surface of a neck 12, contrary to both claims 1 and 2.

IV. New Claims 4-27

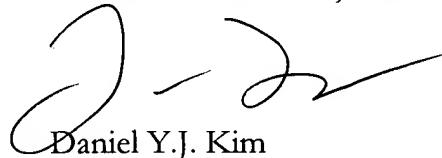
By this Amendment, claims 4-27 are added to the application. Claims 4-27 broadly recite features of the preferred embodiment(s). It is respectfully submitted that the new claims are allowable over the references of record for at least the reasons discussed above in connection with claims 1-3.

CONCLUSION

In view of the foregoing amendments and remarks, it is respectfully submitted that the application is in condition for allowance. If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is invited to contact the undersigned attorney, Laura L. Lee, at the telephone number listed below.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,
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